# MISSISSIPPI STATE DEPARTMENT OF HEALTH BUREAU OF PUBLIC WATER SUPPLY CCR CERTIFICATION CALENDAR YEAR 2014

Public Water Supply Name Vannah 0780012 List PWS ID #s for all Community Water Systems included in this CCR

The Federal Safe Drinking Water Act (SDWA) requires each Community public water system to develop and distribute a Consumer Confidence Report (CCR) to its customers each year. Depending on the population served by the public water system, this CCR must be mailed or delivered to the customers, published in a newspaper of local circulation or provided to the cust ema

| Customers word in   | formed of availabilit   | y of CCR by: (  | Attach copy o  | f publ             | ication                               | , water | bill or           | other)     |           |
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Delive. Bureau P.O. Box 1700 Jackson, MS 39215

May be emailed to: water.reports@msdh.ms.gov Apr 16 15 06:34a 662-456-2144 p.4

### **Annual Drinking Water Quality Report**

#### Savannah Water Association PWS ID# 0780012 June 2015

#### Is my water safe?

Last year, as in years past, your tap water met all U.S. Environmental Protection Agency (EPA) and state drinking water health standards. Savannah Water vigilantly safeguards its water supplies and once again we are proud to report that our system has not violated a maximum contaminant level or any other water quality standard.

#### Do I need to take special precautions?

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. EPA/Centers for Disease Control (CDC) guidelines on appropriate means to lessen the risk of infection by Cryptosporidium and other microbial contaminants are available from the Safe Water Drinking Hotline (800-426-4791).

#### Where does my water come from?

Our water source is from two wells drawing from the Gordo Formation Aquifer.

#### Source water assessment and its availability

Our source water assessment has been conducted and is available for public review and we are pleased to report that our drinking water meets all federal and state requirements. To receive copies please contact Savannah Water Association.

#### Why are there contaminants in my drinking water?

Drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's (EPA) Safe Drinking Water Hotline (800-426-4791).

#### How can I get involved?

If you have any questions about this report or concerning your water utility, please contact Chris Ellison at 662-456-2910. We want our valued customers to be informed about their water utility.

#### Additional Information for Lead

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. Savannah Water Association is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at <a href="http://www.epa.gov/safewater/lead">http://www.epa.gov/safewater/lead</a>. The Mississippi State Department of Health Public Health Laboratory offers lead testing for \$10 per sample. Please contact 601-576-7582 if you wish to have your water tested.

#### Water Quality Data Table

The table below lists all of the drinking water contaminants that we detected during the calendar year of this report. The presence of contaminants in the water does not necessarily indicate that the water poses a health risk. Unless otherwise noted, the data presented in this table is from testing done in the calendar year of the report. The EPA or the State requires us to monitor for certain contaminants less than once per year because the concentrations of these contaminants do not change frequently.

| Contaminants  | or<br>MRDLG                    | TT, or MRDL            | Your<br><u>Water</u> | Ran<br><u>Low</u>     | ge<br><u>High</u>                       | Sample<br><u>Date</u> | <u>Violation</u>                      | Typical Source  |
|---|--------------------------------|------------------------|----------------------|-----------------------|---|-----------------------|---------------------------------------|---|
| n: 6 4 4 0 m: 1 5-                                    | tian De Duad                   | In ato                 |                      |                       |   |                       |                                       |   |
| Disinfectants & Disinfec<br>(There is convincing evid | tion By-rrot<br>ence that addi | iucis<br>ition of a di | sinfectant           | is necessar           | for cont                                | rol of mic            | robial contai                         | minants.)   |
| Chlorine (as Cl2) (ppm)                               | 4                              | 4                      | 0.6                  | 0.4                   | 1.1                                     | 2014                  | No                                    | Water additive used to control microbes   |
| Inorganic Contaminants                                | i                              |                        |                      |                       |   |                       |                                       |   |
| Arsenic (ppb)   | 0                              | 10                     | 0.6                  | 0.6                   | 0,6                                     | 2013                  | No                                    | Erosion of natural deposits;<br>Runoff from orchards; Runoff<br>from glass and electronics<br>production wastes                       |
| Barium (ppm)  | 2                              | 2                      | 0.1284               | 0.1188                | 0.1284                                  | 2013                  | No                                    | Discharge of drilling wastes;<br>Discharge from metal<br>refineries; Erosion of natural<br>deposits                                   |
| Chromium (ppb)  | 100                            | 100                    | 1.5                  | 0.9                   | 1.5                                     | 2013                  | No                                    | Discharge from steel and pulp<br>mills; Erosion of natural<br>deposits  |
| Flouride (ppm)  | 4                              | 4                      | 0.188                | 0.16                  | 0.188                                   | 2013                  | No                                    | Erosion of natural deposits;<br>Water additive which<br>promotes strong teeth;<br>Discharge from fertilizer<br>and aluminum factories |
| Nitrate [measured as<br>Nitrogen] (ppm)               | 10                             | 10                     | 0.16                 | 0                     | 0.16                                    | 2014                  | No                                    | Runoff from fertilizer use;<br>Leaching from septic tanks,<br>sewage; Erosion of natural<br>deposits                                  |
| Nitrite[measured as<br>Nitrogen] (ppm)                | 1                              | 1                      | 0.05                 | 0                     | 0.05                                    | 2014                  | No                                    | Runoff from fertilizer use;<br>Leaching from septic tanks,<br>sewage; Erosion of natural<br>deposits                                  |
|   | MCLG                           | MCL.                   |                      | C1.                   | # of Samples                            |                       |                                       |   |
| Contaminants  | or<br><u>MRDLG</u>             | TT,or<br>MRDL          | Your<br><u>Water</u> | Sample<br><u>Date</u> | Exceeding MCL/ACL                       |                       | Violation                             | Typical Source  |
| Inorganic Contaminants                                |                                |                        |                      |                       | *************************************** |                       | · · · · · · · · · · · · · · · · · · · |   |
| Copper - action level at consumer taps (ppm)          | 1.3                            | 1.3                    | 0.1                  | 2014                  | (                                       | 0                     | No                                    | Corrosion of household plumbing systems; Erosion of natural deposits  |
| Lead - action level at consumer taps (ppb)            | 0                              | 15                     | 4                    | 2014                  | 0                                       |                       | No                                    | Corrosion of household plumbing systems; Erosion of natural deposits  |

| Term                         | Definition  |  |  |  |  |  |
|------------------------------|---|--|--|--|--|--|
| ppm                          | ppm: parts per million, or milligrams per liter (mg/L)  |  |  |  |  |  |
| ppb                          | ppb: parts per billion, or micrograms per liter (µg/L)  |  |  |  |  |  |
| ppt                          | ppt: parts per trillion, or nanograms per liter   |  |  |  |  |  |
| ppq                          | ppq: parts per quadrillion, or picograms per liter  |  |  |  |  |  |
| mrem/year                    | mrem/year: millirems per year (a measure of radiation absorbed by the body)   |  |  |  |  |  |
| NTU.                         | NTU: Nephelometric Turbidity Units (a measure of water clarity)   |  |  |  |  |  |
| pCi/L                        | pCi/L: picocuries per liter (a measure of radioactivity)  |  |  |  |  |  |
| MFL                          | MFL: million fibers per liter   |  |  |  |  |  |
| NA                           | NA: not applicable  |  |  |  |  |  |
| ND                           | ND: Not detected  |  |  |  |  |  |
| NR                           | NR: Monitoring not required, but recommended.   |  |  |  |  |  |
| Important Drinking Water Def | initions  |  |  |  |  |  |
| Term                         | Definition  |  |  |  |  |  |
| MCLG                         | MCLG: Maximum Contaminant Level Goal: The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of  |  |  |  |  |  |
| MCL                          | safety.  MCL: Maximum Contaminant Level: The highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.  |  |  |  |  |  |
| TT                           | TT: Treatment Technique: A required process intended to reduce the level of a contaminant in drinking water.  |  |  |  |  |  |
| AL                           | AL: Action Level: The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.   |  |  |  |  |  |
| Variances and Exemptions     | Variances and Exemptions: State or EPA permission not to meet an MCL or a treatment technique under certain conditions.   |  |  |  |  |  |
| MRDLG                        | MRDLG: Maximum residual disinfection level goal. The level of a drinking water disinfectant below which there is no known or expected risk to health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants. |  |  |  |  |  |
| MRDL                         | MRDL: Maximum residual disinfectant level. The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.                              |  |  |  |  |  |
| MNR                          | MNR: Monitored Not Regulated  |  |  |  |  |  |
| MPL                          | MPL: State Assigned Maximum Permissible Level   |  |  |  |  |  |

#### Copics of CCR will not be mailed unless requested. For more information or to obtain a copy please contact:

Chris Ellison Address: 280 CR 419

Woodland, MS 39776 Phone: 662-456-2910

#### PROOF OF PUBLICATION

## THE STATE OF MISSISSIPPI COUNTY OF WEBSTER

Before the undersigned authority of said county and state personally appeared –Joseph McCain - County of Webster, State of Mississippi, Webster Progress-Times, duly sworn, both depose and say that the publication of this notice hereto affixed has been made in said newspaper for \_\_\_\_\_\_\_ consecutive week(s), to-wit:

| Vol.  | 88,         | No14_, on                               | the <u>8</u> | _, day of           | April | , 2015 |  |  |  |
|---|-------------|---|--------------|---------------------|-------|--------|--|--|--|
| Vol.  | 88,         | No on t                                 | the          | _ day of _          |       | , 2015 |  |  |  |
| Vol.  | 88,         | No, on t                                | :he          | _, day o <b>f</b> _ |       | , 2015 |  |  |  |
| Vol.  | 88,         | No, on t                                | :he          | _, day of _         |       | , 2015 |  |  |  |
| Vol.  | 88,         | No, on t                                | :he          | _, day of _         |       | , 2015 |  |  |  |
| Sworn to and subscribed to this the <u>S</u> day of <u>April</u> , 2015<br>Me the undersigned Notary Public of said County and State. |             |   |              |                     |       |        |  |  |  |
|   | ATE OF MI   | Σο                                      |              | By:                 | B     |        |  |  |  |
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Savannah Water 280 CR 419 Woodland, MS 39776 662-456-2910

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Previous Balance: 16.06 WATER RESIDE USED: 2000 12.50

PREV: 1307600 PRES: 1309600 Billed: 04/01/15

**AMOUNT NOW DUE: 28.56** 

After 04/10/15 pay 29.81

TOTAL NEW CHARGES

12.50

**AMOUNT NOW DUE: 28.56** 

After 04/10/15 pay 29.81 Adam Strickland

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